

A PROVISIONAL CHECK LIST OF FLOWERING PLANTS AND FERNS IN THE CAPE HANGKLIP AREA

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ABSTRACT

A preliminary list of flowering plants and ferns for the Cape Hangklip area is given. This list is analyzed numerically. A brief comparison is made with the total number of families, genera and species recorded by Adamson and Salter (1950) in their *Flora of the Cape Peninsula* and by Ross (1973) in his *Flora of Natal*. Those families contributing more than 1% towards the total number of species in the area, and those genera containing 15 or more species, are tabulated.

UITTREKSEL

'N VOORLOPIGE LYS VAN BLOMPLANTE EN VARINGS IN DIE KAAP-HANGKLIP-GEBIED

'n Voorlopige lys van blomplante en varings in die Kaaphangklip-gebied word gegee. Die lys word numeries geanaliseer. 'n Vergelyking word onder andere getrek met die totale aantal families, genera en spesies genoem deur Adamson en Salter (1950) in hul *Flora van die Kaapse Skiereiland* en deur Ross (1973) in sy *Flora van Natal*. Families wat meer as 1% bydra tot die totale aantal spesies in die gebied en die genera wat 15 of meer spesies bevat, word getabuleer.

This list of flowering plants and ferns has been compiled for the area included within the 1 : 50 000 topographic map 3418 BD Hangklip, and includes those portions of the Kogelberg State Forest which occur outside of this map. The area is indicated in Fig. 1.

The list has been compiled from the author's collections in the area between 1968 and 1974. Most of the recent published revisions have been studied for species occurring in the area which had not been collected by the author. Some local botanists who have collected specimens in the area have also been consulted. In this respect grateful thanks are extended to Prof. M. P. de Vos, Miss Elsie Esterhuysen, Mr. E. G. H. Oliver, Mrs. Ez. Powrie, Dr. J. P. Rourke, Prof. E. A. C. L. E. Schelpe, Dr. M. M. Vogts and Dr. I. J. M. Williams. The author's original specimens and collectors' registers are housed in the Botanical Research Unit, Stellenbosch and duplicates have been housed at the Wicht Herbarium, Jonkershoek; the Compton Herbarium, Kirstenbosch; and the Botanical Research Institute, Pretoria. Specimen collection numbers are listed in brackets after each taxon in the check list. Where the taxon has not been collected by the author, another collection from the area is quoted. Identifications have been made by the

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staff of the Botanical Research Institute, both at Stellenbosch and at Pretoria. Certain specialist groups were identified at the Bolus and Compton Herbaria and by private individuals. This check list of 1407 species is by no means complete because of the relatively short period during which specimens were collected and because of the relatively large area (almost 240 sq. km) of difficult and very diverse terrain which added to the difficulties of attempting to visit each habitat regularly throughout the year.

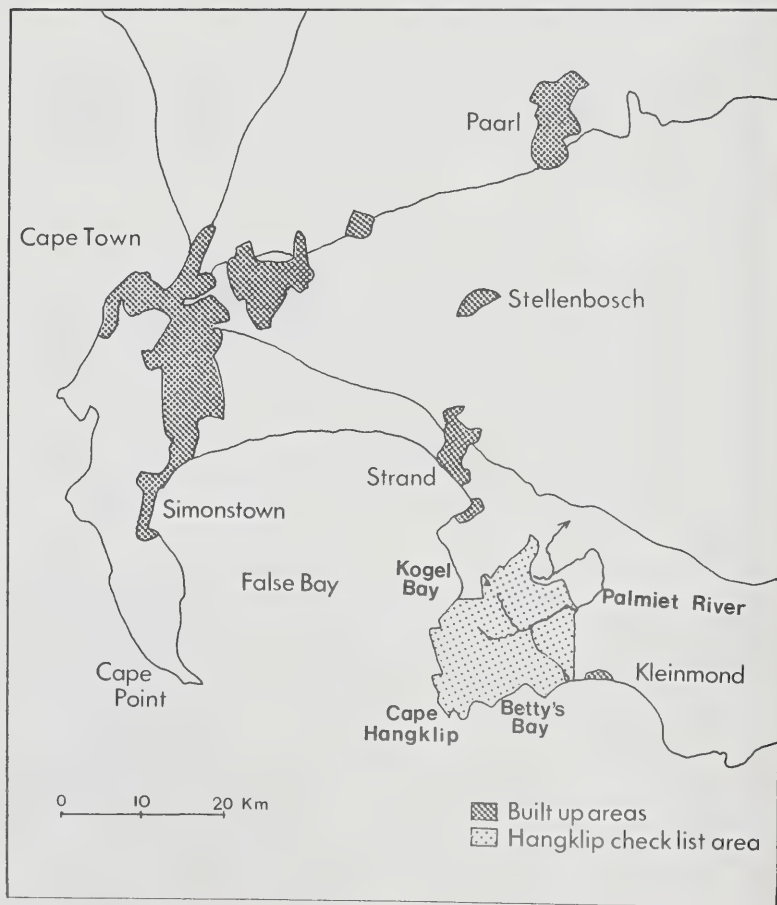


FIG. 1
Geographical location of Cape Hangklip check list area.

The taxa have been arranged as follows: Pteridophyta (nomenclature following Schelpe (1969)), Gymnospermae and Angiospermae (Monocotyledoneae and Dicotyledoneae (nomenclature following Phillips (1951))). The families, genera and species have been arranged alphabetically within each successive group. The most recent revisions have been followed, in most instances, for plant names.

The Cape Hangklip area is relatively small yet the flora is comparatively rich as is indicated in Table 1. Details for the Cape Peninsula have been obtained from Adamson and Salter (1950) and for Natal from Ross (1973).

TABLE 1

Comparison between the numbers of families, genera and species in the Cape Hangklip area, in the Cape Peninsula and in Natal.

	Area in sq. km's	No. of families	No. of genera	No. of species	No. of spp. per sq. km
Cape Hangklip	240	110	430	1 407	5,9
Cape Peninsula	471	129	702	2 622	5,6
Natal	91 385	179	1 238	4 826	0,1

Of the 110 families represented 14 are pteridophytes, three are gymnosperms and 93 are angiosperms. Of these angiosperm families, 16 are monocotyledons and 77 are dicotyledons. Their proportional representation is indicated in Fig. 2.

The 435 genera comprise 16 pteridophytes, three gymnosperms and 416 angiosperms. The angiosperms are represented by 136 monocotyledons and 280 dicotyledons. Their proportional representation is indicated in Fig. 3.

There are 1 407 species of which the pteridophytes contribute 24, the gymnosperms five, the monocotyledons 460 and the dicotyledons 918. This relationship is indicated in Fig. 4.

The families whose species contribute more than 1.0% towards the total number of species are listed in order of numerical importance in Table 2. The number of genera present in these families is also reflected in Table 1 but as family position is determined by the total number of species, the arrangement of genera follows no strict sequence. The largest family is Compositae with 51 genera and 152 species followed by Ericaceae with 10 genera and 119 species, and Leguminosae with 22 genera and 103 species. Other families with larger generic complements are Iridaceae (28 genera) and Gramineae (29 genera). In the Cape Peninsula the Compositae consist of 85 genera and 291 species in comparison to the 112 genera and 549 species in Natal, and the approximately 900 genera and over 17 000 species in the world (Dyer, 1976).

Of the 110 families, 38 are represented by a single species, 15 families by two species, 11 families by three species and 8 families by four species. The remaining 34.5% of the families are represented by more than four species. Similarly 58 families are represented by a single genus, 16 families by two genera, 13 families

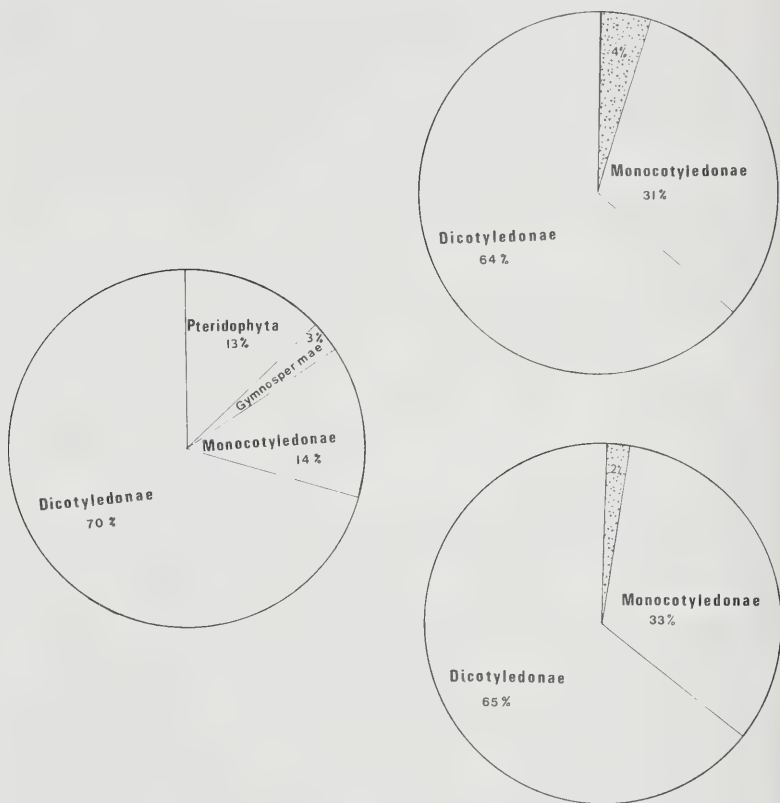


FIG. 2

Diagrammatic representation of the relationship between the numbers of families of the pteridophytes, gymnosperms, monocotyledons and dicotyledons.

FIG. 3

Diagrammatic representation of the relationship between the numbers of genera of the pteridophytes and gymnosperms (shaded) and the monocotyledons and dicotyledons.

FIG. 4

Diagrammatic representation of the relationship between the numbers of species of the pteridophytes and gymnosperms (shaded) and the monocotyledons and dicotyledons.

TABLE 2

Synopsis of families whose species contribute more than 1% towards the total number of species, together with the number of genera in each family.

Family	No. of species	No. of species expresses as a % of the total	No. of genera	No. of genera expressed as a % of the total
Compositae	152	10,8	51	11,6
Ericaceae	119	8,5	10	2,3
Leguminosae	103	7,3	22	5,1
Restionaceae	100	7,1	10	2,3
Iridaceae	98	7,0	28	6,5
Cyperaceae	71	5,0	15	3,5
Gramineae	64	4,5	29	6,7
Proteaceae	62	4,4	13	3,0
Orchidaceae	55	3,9	18	4,2
Campanulaceae	44	3,1	12	2,8
Liliaceae	44	3,1	18	4,2
Scrophulariaceae	26	1,8	14	3,2
Umbelliferae	26	1,8	11	2,6
Thymelaeaceae	26	1,8	5	1,2
Rutaceae	23	1,6	7	1,6
Burseraceae	22	1,6	7	1,6
Geraniaceae	22	1,6	3	0,7
Polygalaceae	22	1,6	3	0,7
Rosaceae	20	1,4	2	0,5
Aizoaceae	17	1,2	10	2,3
Santalaceae	15	1,1	3	0,7

by three genera and 2 families by four genera, leaving a remainder of 21,8% of the families represented by more than four genera. The ratio of genera to species is 1 : 3,24 in contrast to 1 : 3,73 on the Cape Peninsula, 1 : 3,89 for Natal, 1 : 3,52 for South West Africa and 1 : 4,21 for West Tropical Africa (Ross, 1973). The figure for the Cape Hangklip area is lower than any of the other figures implying a larger proportion of genera with fewer species. There are 230 genera represented by a single species, 67 genera by two species, 51 genera by three species and 19 genera by four species. The genera with the largest number of species in the Cape Hangklip area are listed in Table 3. The largest genus, by far, is *Erica* with 98 species followed by *Aspalathus* with 35 species.

Restio having 36 species, is the largest monocotyledonous genus. This latter proportion of species corresponds with the generally ericoid and restioid nature of the vegetation.

Introduced but naturalized species mainly originating from Australia are: *Hakea sericea*, *Leptospermum laevigatum*, *Eucalyptus ficifolia*, *E. lehmannii*, *Acacia cyclops*, *A. longifolia*, *A. mearnsii*, *A. saligna* and *Albizia lophantha*. *Ammophila arenaria*, *Briza maxima*, *Erigeron canadense*, *Lagurus ovatus*, *Populus canescens*, *Pinus pinaster* and *P. radiata* originate in the northern

TABLE 3

Synopsis of the genera with 15 or more species, listed in order of numerical importance.

Genus	No. of species
Erica	98
Restio	36
Aspalathus	35
Ficinia	27
Senecio	22
Cliffortia	19
Elegia	18
Pelargonium	17
Lobelia, Helichrysum, Pentaschistis	16
Tetralia, Protea, Disa	15

hemisphere. *Lantana camara*, a tropical American shrub, has been recorded from roadsides. Most garden weeds and introduced exotic annuals have been excluded. *Virgilia oroboides* is a doubtful inclusion being found in and around the Harold Porter Botanic Garden and around the Oudebos farm. This species is now regenerating naturally after fire at these localities. Certain other indigenous species not occurring naturally in the Cape Hangklip area have also been introduced into private properties. These have mostly been excluded.

The area is relatively poorly collected botanically and many new records will undoubtedly still be found. The author, during the period 1968 to 1974, collected 23 taxa which did not conform to any descriptions available. Of these five were Ericaceae, four were Rutaceae and three were Restionaceae. Access routes in the area have been considerably improved recently and many areas have recently been burnt after long periods of protection. Many additions to this check list can therefore be expected.

The advent of large scale township development along the coast and the construction of large dams in the area will obviously have an adverse effect on both individual species and on the communities as a whole.

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PTERIDOPHYTA

ADIANTACEAE

- Adiantum aethiopicum* L. (2182)
A. capillus-veneris L. (1929)
Pellaea pteroides (L.) Prantl (1114)

ASPIDACEAE

- Rumohra adiantiformis* (Forst.) Ching (313)

ASPLENIACEAE

- Asplenium adiantum-nigrum* L. (1847)

BLECHNACEAE

- Blechnum attenuatum* (Swartz) Mett. var. *giganteum* Schlecht. (1621)
B. capense (L.) Schlecht. (220/5, 314)
B. punctulatum Swartz (2188)
B. tabulare (Thunb.) Kuhn (46)

CYATHEACEAE

- Alsophila capensis* (L.f.) J.E.Sm. (1620)

DENNSTAEDTIACEAE

- Histiopteris incisa* (Thunb.) J.E.Sm. (220/4)
Pteridium aquilinum (L.) Kuhn (1311)

GLEICHENIACEAE

- Gleichenia polypodioides* (L.) J.E.Sm. (43)

HYMENOPHYLLACEAE

- Hymenophyllum capense* Schrad. (339)
H. tunbridgense (L.) J.E.Sm. (312)

LOMARIOPSIDACEAE

- Elaphoglossum acrostichoides* (Hook.) Schelpe (315)
E. conforme (Swartz) J.E.Sm. (2043)

LYCOPODIACEAE

- Lycopodium carolinianum* L. (414, 1168)
L. clavatum L. (1501)
L. gnidioides L.f. (Haynes 335)

OSMUNDACEAE

- Todea barbara* (L.) Moore (1300)

POLYPODIACEAE

- Pleopeltis macrocarpa* (Willd.) Kaulf. (1653)

SCHIZAEACEAE

- Schizaea pectinata* (L.) Swartz (174)

THELYPTERIDACEAE

- Thelypteris confluens* (Thunb.) Morton (1113)

GYMNOSPERMAE

CUPRESSACEAE

- Widdringtonia nodiflora* (L.) Powrie (298)

PINACEAE

- Pinus pinaster* Ait. (1322)
P. radiata D.Don (Field observation)

PODOCARPACEAE

- Podocarpus elongatus* (Ait.) L'Hérit. ex Pers. (1485)
P. latifolius (Thunb.) R.Br. (317, 885, 2077)

ANGIOSPERMAE:

MONOCOTYLEDONEAE

AMARYLLIDACEAE

- Brunsvigia orientalis* (L.) Ait. ex Eckl. (1444)
Cyrtanthus angustifolius (L.f.) Ait. (1172, 1786)
C. leucanthus Schltr. (1157, 1275, 1825)
C. ventricosus Willd. (1454)
Haemanthus canaliculatus Levyns (1171—sheets 1 & 2).
H. coccineus L. (1188, 1471)
H. rotundifolius Ker-Gawl. (1130)
Nerine sarniensis Herb. (2151)

APONOGETONACEAE

- Aponogeton distachyos* L.f. (1227)

ARACEAE

- Zantedeschia aethiopica* (L.) Spreng. (457)

COMMELINACEAE

- Commelina africana* L. (1395)

CYPERACEAE

- Carex clavata* Thunb. (680)
Carpa glomerata Nees (911, 1054)
Chrysithrix capensis L. (1115, 2038, 2057)
C. junciformis Nees (Stehle 247)
Cyperus denudatus L.f. (1733)
C. sphaerospermus Schrad. (1226)
C. thunbergii Vahl (681)
Epischoenus complanatus Levyns (1246)
E. gracilis Levyns (1059)
E. quadrangularis C.B.Cl. (49, 1212)

- Epischoenus villosus* Levyns (1218)
Ficinia acuminata (Steud.) Nees (1848)
F. albicans Nees (834)
F. anceps Nees (B111, 1296)
F. bulbosa (L.) Nees (451, 1361)
F. capitella (Thunb.) Nees (1871)
F. capillifolia (Schr.) C.B.Cl. (40)
F. composita (Nees) Nees (1702)
F. deusta (Berg.) Levyns (B75, 698)
F. dunensis Levyns (1356)
F. elatior Levyns (1068)
F. filiformis (Lam.) Schrad. (439, 950)
F. indica (Lam.) Pfeiffer (707)
F. ixioides Nees (1939, 1940)
F. lateralis (Vahl.) Kunth (942, 1492)
F. levynsae Arnold (B61)
F. longifolia C.B.Cl. (1202)
F. minutiflora C.B.Cl. (1811)
F. monticola Kunth (370)
F. nigrescens (Schr.) Raynal (979, 635, 1293, 1346, 1550, 1505)
F. pallens (Schr.) Nees var. *lithosperma* (Boeck.) Arnold (704)
F. pinguior C.B.Cl. (1475, 1918)
F. pusilla C.B.Cl. (1625)
F. ramosissima Kunth (347, B43)
F. tribracteata Boeck. (B114(a))
F. trichodes (Schr.) Benth. & Hook. (1506)
F. tristachya Nees (764)
F. zeyheri Boeck. (1164)
Fuirena hirsuta (Berg.) Forbes (668)
Kobresia lancea (Thunb.) Koyama (1622)
Macrochaetium hexandrum (Lam.) Pfeiffer (650, 1272)
Mariscus congestus C.B.Cl. (1040)
Neesenbeckia punctoria (Vahl) Levyns (1209, 1321, 1480)
Schoenus nigricans L. (655, 1090, 1715)
Scirpus cartilagineus (R.Br.) Poir. (727)
S. digitatus (Schr.) Boeck. (709, 873)
S. ecklonii Steud. (767)
S. fluitans L. (691)
S. incomptulus (Nees) Boeck. (487)
S. littoralis Schrad. (1519)
S. membranaceus Thunb. (669, 1540)
S. nodosus Rottb. (653, 1091)
S. prolifer Rottb. (1734, 1943)
S. tenuissimus Boeck. (2659)
S. venustus (Kunth) Boeck. (1596)
Sickmannia radiata (L.f.) Nees (632)
Tetraria brachyphylla Levyns (1936)
T. brevicaulis C.B.Cl. (B39)
T. bromioides (Lam.) Pfeiffer (279, 1728)
T. capillacea (Thunb.) C.B.Cl. (332, 416, 1210)
Tetraria compar (L.) Lestib. (378, 1011, 1743, B38)
T. crinifolia C.B.Cl. (1713)
T. cuspidata (Rottb.) C.B.Cl. (33, 304, 1062, 1155, 1178, B37)
T. exilis Levyns (1252)
T. eximia C.B.Cl. (1365)
T. fasciata (Rottb.) C.B.Cl. (306)
T. fimbriolata C.B.Cl. (1015)
T. flexuosa (Thunb.) C.B.Cl. (2107)
T. lucida C.B.Cl. (49)
T. microstachys (Vahl) Pfeiffer (1289)
T. thermalis C.B.Cl. (327)

GRAMINEAE

- Agropyron distichum* (Thunb.) Beauv. (1688)
Aira cupaniana Guss. (1668)
Ammophila arenaria (L.) Link. (2660)
Aristida junciformis Trin. & Rupr. subsp. *junciformis* (1343, 2458)
Briza maxima L. (1730)
Cymbopogon marginatus (Steud.) Stapf (552, 1826)
Cynodon dactylon (L.) Pers. (Field observation)
Ehrharta bulbosa Sm. (1716)
E. calycina J.E.Sm. (1742)
E. dodii Stapf (2039)
E. dura Nees ex Trin. (2028)
E. erecta Lam. (1774)
E. microlaena Nees ex Trin. (173)
E. ottonis Kunth (172, 493, 798)
E. ramosa Thunb. (1661, 1724)
E. rehmannii Stapf (1456)
E. tricostrata Stapf (2069)
E. uniflora Burch. (Esterhuysen 33056)
E. villosa Schult.f. (1689)
Eragrostis curvula (Schr.) Nees (2457)
E. elatior Stapf (1014)
E. sabulosa (Steud.) Schweick. (661)
Festuca scabra Vahl (705, 1405, 1641)
Helictotrichon hirtulum (Steud.) Schweick. (494)
Hyparrhenia filipendula (Hochst.) Stapf var. *villosa* (Hochst.) Stapf (495)
Imperata cylindrica (L.) Beauv. (2001)
Lagurus ovatus L. (654)
Lasiocloa longifolia (Schr.) Kunth (755)
Merxmuelera cincta (Nees) Conert (948)
M. lupulina (Thunb.) Conert (Taylor 3214)
M. rufa (Nees) Conert (178, 1723)
Pennisetum macrourum Trin. (1313)

Pentameris macrocalycina (Steud.) Schweick. (1649)
P. thuarii Beauv. (Taylor 7231)
P. sp. (2095)
Pentastichis acinosa Stapf (2033, 2656)
P. ampla (Nees) McClean (1056)
P. aristoides (Thunb.) Stapf (1649)
P. angustifolia (Nees) Stapf var. *albes-*
cens Stapf (943)
P. aspera (Thunb.) Stapf (1404, 1656)
P. capensis (Nees) Stapf (2075)
P. colorata (Steud.) Stapf (990, 1672,
 1700)
P. curvifolia (Schrad.) Stapf (935, 1673)
P. eriostoma (Nees) Stapf (1722)
P. involuta (Steud.) Adamson (1194)
P. juncifolia Stapf (179)
P. patula (Nees) Stapf (1731)
P. steudelii (Nees) McClean (937, 1191,
 1729)
P. thunbergii (Kunth) Stapf (2663)
P. tysonii Stapf (353)
P. viscidula (Nees) Stapf (380)
Phragmites australis (Cav.) Trin. ex
 Steud. (1496)
Plagiochloa uniola (L.f.) Adamson &
 Sprague var. *uniola* (1657, 1944)
P. uniola (L.f.) Adamson & Sprague var.
villosa (Stapf) Adamson (773)
Poagrostis pusilla (Nees) Stapf (1784)
Polypogon strictus Nees (658)
Pseudopentameris brachyphylla (Stapf)
 Conert (357a, 1938)
P. macrantha (Schrad.) Conert (2661)
Sporobolus africanus (Poir.) Robyns &
 Tournay (450)
S. virginicus (L.) Kunth (1521, 1829)
Stenotaphrum secundatum (Walt.) Kuntze
 (1830)
Stipa dregeana Steud. (2662)
Stipagrostis zeyheri (Nees) de Wint.
 subsp. *zeyheri* (1107)
Themeda triandra Forsk. (591)

HAEMODORACEAE

Cyanella hyacinthoides L. (909)
Dilatis pillansii W.F. Barker (839)
D. viscosa L.f. (1996)
Lanaria lanata (L.) Dur. & Schinz. (176)
Wachendorfa paniculata Burm. (1905,
 2423)
W. thyrsiflora L. (820)
W. sp. (828)

HYPOXIDACEAE

Empodium plicatum (Thunb.) Garside
 (1274)

Spiloxene capensis (L.) Garside (394, 476,
 686, 1298)
S. curculigoides (H.Bol.) Garside (de Vos
 1005)
S. flaccida (Nel) Garside (477)
S. monophylla (Schltr.) Garside (44, 926,
 1131)

IRIDACEAE

Anapalina caffra (Bak.) Lewis (2068)
A. nervosa (Thunb.) Lewis (959, 960)
A. pulchra (Bak.) N.E.Br. (22, 374)
A. triticea (Burm.) N.E.Br. (1117)
Anomalesia cunonia (L.) N.E.Br. (664)
Aristea africana (L.) Hoffmg. (576)
A. bakeri Klatt (818, 1913)
A. cuspidata Schinz (396)
A. juncifolia Bak. (25, 165, 191)
A. major Andr. (Grobler 29 282)
A. oligocephala Bak. (999, 1111)
A. racemosa Bak. (1915)
A. spiralis (L.f.) Ker-Gawl. (808, 883)
Babiana nana (Andr.) Spreng. var. *angus-*
tifolia (Eckl.) Lewis (de Vos 608)
B. stricta (Ait.) Ker-Gawl. (Harold Por-
 ter Botanic Garden No.65)
Bobartia aphylla Ker-Gawl. (de Vos
 205)
B. gladiata Ker-Gawl. (6, 375)
B. indica L. (807, 1482)
Chasmanthe aethiopica (L.) N.E.Br.
 (1538)
C. floribunda (Salisb.) N.E.Br. (1352)
Engysiphon sp. (2426)
Ferraria undulata L. (738)
Geissorhiza aspera Goldblatt (674,
 1704)
G. bolusii Bak. (1942)
G. graminifolia Bak. (de Vos 671)
G. hesperanthoides Schltr. (2053)
G. imbricata (de la Roche) Ker-Gawl.
 (430)
G. inflexa (de la Roche) Ker-Gawl
 (1894)
G. juncea (Link.) A. Dietr. (1659)
G. ornithogaloides Klatt (189)
G. ovata (Burm. f.) Aschers & Graeb.
 (585, 1409)
G. wrightii Bak. (1407)
G. sp. (189)
Gladiolus brevitubus Lewis (188)
G. brevifolius Jacq. (1175)
G. bullatus Thunb. ex Lewis (644,
 1908)
G. carinatus Ait. (676)
G. carmineus C.H.Wr. (Compton 22
 720)

- Gladiolus carneus* de la Roche (1406)
G. debilis Ker-Gawl. var. *debilis* (584)
G. debilis Ker-Gawl. var. *cochleatus* (Sw.) Lewis (Esterhuysen 31416)
G. gracilis Ker-Gawl. (1372)
G. hyalinus Jacq. (1647)
G. maculatus Sw. (1323)
G. pillansii Lewis var. *roseus* Lewis (1217)
G. punctulatus Schrank. var. *punctulatus* (719, 2180)
G. subcaeruleus Lewis (1478)
G. undulatus L. (2021)
Hesperantha falcata Ker-Gawl. (675)
Homeria collina (Thunb.) Vent. (694, 1396)
H. galpinii L.Bol. (Rycroft 2266)
Homoglossum priori N.E.Br. (1292)
Ixia dubia Vent. (1410)
I. flexuosa L. (672)
I. micrandra Bak. (1640)
I. odorata Ker-Gawl. (583)
I. paniculata de la Roche (Porter s.n. BOL 26897)
I. polystachya L. var. *lutea* (Ker-Gawl.) Lewis (700)
Klattia stokoei L.Guth. (Taylor 7235)
Lapeirousia corymbosa Ker-Gawl. (1697)
L. micrantha (E.Mey. ex Klatt) Bak. (Dr. P. Goldblatt pers. comm.)
Melaspheerula ramosa (L.) N.E.Br. (489)
Micranthus alopecuroides (L.) Rothm. (1008)
M. junceus (Bak.) N.E.Br. (1822)
Moraea angusta (Thunb.) Ker-Gawl. (695)
M. bellendenii N.E.Br. (Werdermann & Oberdieck 287)
M. gawleri Spreng. (Dr. P. Goldblatt pers. comm.)
M. lurida Ker-Gawl. (925)
M. neglecta Lewis (788)
M. odorata Lewis (Dr. P. Goldblatt pers. comm.)
M. ramosissima (L.f.) Druce (214, 1401)
M. tenuis Ker-Gawl. (809, 1902)
M. tricuspidata (L.f.) Lewis (1903)
M. tripetala Ker-Gawl. (624, 1949)
Nivenia levynsiae Weim. (1032, 1152)
N. stokoei (L.Guth.) N.E.Br. (1109, 1154)
Pillansia templemannii (Bak.) L.Bol. (168)
Romulea flava (Lam.) de Vos var. *flava* (de Vos 2008)
R. rosea Eckl. var. *reflexa* Beg. (1594)
R. rosea Eckl. var. *rosea* (de Vos 2248)
R. triflora (Burm.f.) N.E.Br. (1593)
Sparaxis grandiflora (de la Roche) Ker-Gawl. subsp. *violacea* (Eckl.) Goldbl. (1397)
Thereianthus bracteolatus (Lam.) Lewis (870)
T. juncifolius (Bak.) Lewis (1788)
T. lapeyrousioides (Bak.) Lewis (Rycroft 1354)
T. spicatus (L.) Lewis var. *linearifolius* Lewis (377, 957, 972)
Tritonia lacerata (Burm.f.) Klatt (908)
Tritoniopsis caledonensis (Foster) Lewis (1725)
T. lata (L.Bol.) Lewis (354)
T. unguicularis (Lam.) Lewis (170)
T. parviflora (Jacq.) Lewis (166)
T. pulchella Lewis (1190, 2066)
T. ramosa (Eckl. ex Klatt) Lewis var. *ramosa* (8, 393)
Watsonia angusta Ker-Gawl. (355, 2042)
W. comptonii L.Bol. (402)
W. humilis Rill. (1708)
W. meriana Mill. (356)
W. pyramidata (Andr.) Stapf (373, 850)
W. zeyheri L.Bol. (2022)
Witsenia maura (L.) Thunb. (918)

JUNCACEAE

- Juncus dregeanus* Kunth (1455)
J. kraussii Hochst. (653(a))
J. lomaphyllus Spreng. (2455)
Prionium serratum (L.f.) Drege (1754)

JUNCAGINACEAE

- Triglochin bulbosa* L. (2657)

LILIACEAE

- Agapanthus africanus* (L.) Hoffmg. (211, 1817)
A. walshii L.Bol. (1805, 2067)
Albuca canadensis (L.) Leighton (1664, 2027)
A. cooperi Bak. (760)
Aloe succotrina Lam. (582)
Androcymbium eucomioides (Jacq.) Willd. (460)
Asparagus aethiopicus L. (1503, 1695)
A. asparagoides (L.) Wight (444)
A. capensis L. (848)
A. compactus Salter (1344)

- Asparagus crispus* Lam. (1360)
A. scandens Thunb. (311, 1687)
A. stipulaceus Lam. (1534, 1824)
A. thunbergianus Schult. (1173)
Baeometra uniflora (Jacq.) Lewis (1897)
Bulbine favosa (Thunb.) Roem. & Schult. (1185)
B. filifolia Burch. (1893)
B. tuberosa (Mill.) Oberm. (1224)
Bulbinella triquetra Kunth (1204)
Caesia contorta (L.f.) Dur. and Schinz (953)
Dipidax punctata (L.) Hutch. (1898)
Eriospermum cernuum Bak. (2062)
E. pumilum Salter (2460)
E. sp. cf. E. schlechteri Bak. (2752)
Kniphofia tabularis Marl. (2721)
K. uvaria (L.) Hook. (1460)
Lachenalia bulbifera (Cyr.) Hort. (1513)
L. glauca Jacq. var. *pallida* Lindl. (492, 2428)
L. peersii Marloth ined. (739, 1408)
L. rosea Andr. (1896, 2427)
Ornithogalum graminifolium Thunb. (1108)
Rhadamanthus montanus B.Nord. (1776)
Trachyandra ciliata (L.f.) Kunth (534)
T. divaricata (Jacq.) Munth (659)
T. esterhuysenae Oberm. (988)
T. hirsuta (Thunb.) Kunth (216, 1294)
T. hirsutiflora (Adamson) Oberm. (804)
T. revoluta (L.) Kunth (1821)
T. tabularis (Bak.) Oberm. (777)
Tulbaghia aliacea L.f. (1486)
Urginea dregei Bak. (958, 1020, 1120)
U. exuviata (Jacq.) Steinh. (1718)
U. filifolia (Jacq.) Steinh. (1772)
U. gracilis Duthie (164)
U. salteri (Compton) Adamson (912)
- ORCHIDACEAE
- Acrolophia capensis* (Berg.) Fourcade (1063)
A. micrantha (Lindl.) Schltr. & Bolus (1614)
Bartholina ethelae H.Bol. (E.G.H. Oliver field observation)
Bonatea speciosa (L.f.) Willd. (2421)
Ceratandra atrata (L.) Dur. & Schinz (824)
Corycium carnosum (Lindl.) Rolfe (Oliver 3045)
Disa cornuta (L.) Swartz (1457)
Disa cylindrica (Thunb.) Swartz (811, 825, 1994)
D. ferruginea (Thunb.) Swartz (1844)
D. glandulosa Burch. (Oliver 3040)
D. micropetala Schltr. (Oliver 3037 & 3044)
D. neglecta Sond. (1643)
D. obtusa Lindl. (833)
D. pillansii L.Bol. (2032)
D. racemosa L.f. (1999)
D. tabularis Sond. (812)
D. tenuicornis H.Bol. (830)
D. tripetaloides (L.f.) N.E.Br. (816)
D. uncinata H.Bol. (887)
D. uniflora Berg. (1451)
D. vaginata Harv. (886, 1712)
Disperis capensis (L.f.) Swartz (1369)
D. paludosa Harv. (Oliver 3036)
Evota bicolor (Sond.) Rolfe (Oliver 3042)
E. harveyana (Lindl.) Rolfe (Oliver 3041)
Herschelia graminifolia (Ker-Gawl.) Dur. & Schinz (1116)
H. lacera (Swartz) Lewis (1067)
H. purpurascens (H.Bol.) Kranzl. (778)
Holothrix villosa Lindl. (743)
H. lithophila Schltr. (198)
Liparis capensis Lindl. (1326, 1516)
Monadenia bolusiana Schltr. (1946)
M. ophrydea Lindl. (829)
M. micrantha Lindl. (699, 2422)
M. reticulata Dur. & Schinz. (1642)
Orthopenthea bivalvata (L.f.) Rolfe (2893)
O. fasciata (Lindl.) Rolfe (815)
O. obtusa (Lindl.) Schelpe (1644)
O. sp. (831)
Pachites bodkini H.Bol. (Oliver 3038)
Penthea patens (L.f.) Swartz (1034)
Pterygodium acutifolium Lindl. (1995)
P. catholicum (L.) Swartz (491, 814)
P. rubiginosum Sond. (1711)
Satyrion bicallosum Thunb. (1411)
S. bicornis (L.) Thunb. (1947)
S. bracteatum Thunb. (832)
S. carneum (Dry.) R.Br. (693)
S. coriifolium Swartz (692)
S. emarcidum H.Bol. (744)
S. humile Lindl. (781)
S. lupulinum Lindl. (826)
S. lindleyanum H.Bol. (813)
S. stenopetalum Lindl. var. *brevicalcaratum* H.Bol. (de Vos 704)
Schizodium obliquum Lindl. (429, 1370)

POTAMOGETONACEAE

Ruppia marii L. (1595)

RESTIONACEAE

- Cannomois scirpoides* Mast. (1727)
C. virgata Steud. (1257, 1748)
Chondropetalum deustum Rottb. (20, 1450, 1517)
C. ebracteatum Pillans (2087)
C. hookerianum Pillans (56, 305, 1515, 1833)
C. marlothii Pillans (Stokoe s.n. BOL 17662)
C. microcarpum Pillans (2101)
C. mucronatum (Nees) Pillans (van Greuning 40)
C. nitidum Pillans (1308)
C. nudum Rottb. (1435)
C. tectorum Pillans (1376, 1474)
Elegia asperiflora Kunth var. *asperiflora* (718)
E. asperiflora Kunth var. *lacerata* Pillans (1307)
E. cuspensis (Burm. f.) Schelpe (de Vos 1301)
E. cuspidata Mast. (806, 1163)
E. equisetacea Mast. (390, 1314)
E. fistulosa Thunb. (690)
E. intermedia Pillans (1335)
E. juncea L. (1022)
E. neesii Mast. (412, 2045)
E. parviflora Kunth (712(a), 938, 1105, 1271)
E. persistens Mast. (631, 1166)
E. prominens Pillans (Esterhuysen 30651)
E. racemosa Pers. (36, 1153)
E. spathacea Mast. (295, 1036, 1307)
E. stipularis Mast. (611, 949)
E. thyrsifera Pers. (1442)
E. vaginulata Mast. (1719, 2098)
E. sp. (1303, 1305, 2099, B17)
E. sp. (Stokoe 9522, Esterhuysen 9635)
Hypolaena crinalis Pillans (Field observation)
H. diffusa Mast. (B24)
H. digitata (Thunb.) Pillans (936, 1319, 1354, 1658)
Hypodiscus albo-aristatus Mast. (982, 1304, 1909)
H. aristatus Nees (1231)
H. alternans Pillans (1146, 1213)
H. argenteus Mast. (427, 1005)
H. binatus Mast. (1721)
H. willdenowia Mast. (1539, 1639, 2199, B79)
Leptocarpus asper Pillans (B5)

- Leptocarpus distichus* (Rottb.) Pillans (712(b), 1714)
L. ejuncidus Pillans (1262)
L. fruticosus Mast. (941, 1076, 1141, 1359, 2102)
L. hyalinus (Mast.) Pillans (1541)
L. membranaceus Pillans (1160, 1276)
L. nudiflorus Pillans (Stehle 244)
L. paniculatus Mast. (2749)
L. stokoei Pillans (Esterhuysen 31379)
L. sp. (1233)
Restio ambiguus Mast. (B115)
R. bifarius Mast. (349)
R. bifidus Thunb. (689, 1253, 1337, B28, B34)
R. bifurcus Nees (1004, 1747)
R. brachiatus Pillans (1312)
R. burchellii Pillans (2088, 2133, 2202)
R. callistachyus Kunth (2436)
R. cascadenis Pillans (916, 1203)
R. compressus Rottb. (2149)
R. confusus Pillans (Stokoe s.n. BOL 17703 ♂)
R. curviramis Kunth (1255, 2195)
R. cuspidatus Thunb. (1507, 1917, 2121)
R. debilis Nees (42, 1232)
R. dispar Mast. (280, 1200, 1336)
R. egregius Hochst. (288, 1006, 2108)
R. eleocharis Nees ex Mast. (665, 940, 1139)
R. festucaeformis Nees ex Mast. (539)
R. filiformis Poir (987, 1933, 1935)
R. fraternus Kunth (1858)
R. fruticosus Thunb. (Esterhuysen 31659)
R. fusiformis Pillans (Stehle 245)
R. laniger Kunth ((?) Mund s.n. ♂ only)
R. multiflorus Spreng. (2437)
R. obtusissimus Steud. (331, 1259, 1547)
R. occultus Pillans (de Vos 1367)
R. pachystachyus Kunth (1709)
R. paludosus Pillans (Esterhuysen 32088)
R. pedicellatus Mast. (1626)
R. purpurascens Nees ex Mast. (330)
R. sarcocladus Mast. (1319(a))
R. sieberi Mast. (14)
R. similis Pillans (B4)
R. stokoei Pillans (291, 348, 1251)
R. subverticillatus Mast. (405)
R. tenuissimus Kunth (1710)
R. triticeus Rottb. (1315)
Staberoha aemula Pillans (van Greuning 16)
S. cernua Dur. & Schinz (299, 706, 1916)
S. sp. (2251)
Thamnochortus dichotomus R.Br. (610)
T. erectus Mast. (682)

Thamnochortus fraternus Pillans (670)
T. fruticosus Berg. (590, 708)
T. gracilis Mast. (431, B9)
T. guthrieae Pillans (1542)
T. insignis Mast. (1084)
T. pellucidus Pillans (697)
T. pulcher Pillans (294, 434, 1093, B8, B21, B31)
Willdenowia argentea Hieron. (392, 1195, 1221)
W. humilis Mast. (324)
W. lucaeana Kunth (1355, 1920, 1937, 2122)
W. teres Thunb. (441, 605)

TYPHACEAE

Typha latifolia L. subsp. *capensis* Rohrb. (1520)

ANGIOSPERMAE: DICOTYLEDONEAE

AIZOACEAE

Aizoon sarmentosum L.f. (910, 1388)
Carpobrotus acinaciformis (L.) L.Bol. (456)
Drosanthemum floribundum (Haw.) Schwant. (479)
Erepsia anceps (Haw.) Schwant. (964, 1849)
E. inclaudent Haw. (570)
Lampranthus aurantiacus (DC.) Schwant. (516, 934)
L. austricolus (L.Bol.) L.Bol. (614, 963, 1085, 1103)
L. erratus (Salm-Dyck) N.E.Br. (1816, 1850)
L. serpens L.Bol. (de Vos 635)
Micropterum herrei Schwant. (1412)
Pharnaceum cordifolium L. (1612)
P. elongatum (DC.) Adamson (726)
Ruschia schollii L.Bol. var. *caledonica* L.Bol. (de Vos 634)
R. sarmentosa (Haw.) Schwant. (B92)
R. sp. (740)
Skiatophytum tripolium (L.) L.Bol. (900)
Tetragonia decumbens Mill. (447, 482, 1495)

ANACARDIACEAE

Heeria argentea (E.Mey.) Kuntze (1183, 2463)
Laurophyllus capensis Thunb. (320, 424, 901, 1467)
Rhus africana Mill. (124, 716, 1196, 1484)
R. crenata Thunb. (1694)
R. cuneifolia Thunb. (1549, 2104)

Rhus laevigata L. (1078, 1140)
R. lucida L. var. *scoparia* Eckl. & Zeyh. (946)
R. rosmarinifolia Vahl (2129)
R. schlechteri Diels (1441)
R. scytophylla Eckl. & Zeyh. (465, 517, 1380)
R. tomentosa L. (537)
R. undulata Jacq. (1301)

AQUIFOLIACEAE

Ilex mitis (L.) Radik. (360, 2073)

ARALIACEAE

Cussonia thyrsiflora Thunb. (423, 526)

ASCLEPIADACEAE

Astephanus neglectus Schltr. (1357)
A. triflorus (L.f.) Schultes (B84)
Asclepias rotundifolia Mill. (547)
Cynanchum africanum R.Br. (776)
C. ellipticum R.A.Dyer (1302)
C. obtusifolium L. (931)
Oncinema lineare (L.f.) Bullock (1211)
Secamone alpinii Schultes (1692)
Stapelia variegata L. (1814)

BALANOPHORACEAE

Mystroptalon thomii Harv. (1180, 1187)

BORAGINACEAE

Lobostemon montanus Bueck. (497)

BRUNIACEAE

Berzelia abrotanoides Brongn. (573, 687)
B. dregeana Colozza (17, 408, 1333)
B. ecklonii Pillans (876)
B. lanuginosa (L.) Brongn. (435, 540, 574)
B. sp. (Mrs. E. Powrie pers. comm.)
Brunia albiflora Phillips (287)
B. alopecuroides Thunb. (Stokoe 2581)
B. laevis Thunb. (Jordaan 821)
B. neglecta Schltr. (641, 1777)
B. nodiflora L. (Grobler 0240)
B. stokoei Phillips (1094, 1813 (a))
Lonchostoma monogynum (Vahl) Pillans (1123)
L. purpureum Pillans (1241, 2205)
Nebelia fragarioides (Willd.) Kuntze (418)
N. paleacea Sweet (26)
Pseudobaeckea africanum Pillans (144)
P. cordata Nieden. (1331)
Raspalia microphylla (Thunb.) Brongn. (24, 2046)

Raspalia variabilis Pillans (Esterhuysen 9969)

R. virgata (Brongn.) Pillans (915, 2206)

Staavia brownii Duemmer (Stokoe s.n. BOL)

S. radiata (L.) Dahl (523)

CAMPANULACEAE

Cyphia bulbosa (L.) Berg. (478)

C. digitata (Thunb.) Willd. (2183)

C. volubilis (Burm.f.) Willd. (640)

Laurentia arabidea (Presl) A.DC. (de Vos 786)

L. pygmaea (Thunb.) Sond. var. *obtusiloba* Sond. (336)

L. secunda (L.f.) Kuntze (1801)

Lightfootia axillaris Sond. (213, 2456)

L. oppositifolia A.DC. (Esterhuysen 12566)

L. parvifolia (Berg.) Adamson (1125, 1228)

L. subulata L'Hérit. (1121)

L. tenella (L.) A.DC. (1074)

Lobelia anceps L.f. (947, 1058, 1489)

L. capillifolia (Presl) A.DC. (965, 1845)

L. capillifolia (Presl) A.DC. forma *pinatifolia* E. Wimm. (325, 1277)

L. chamaepitys Lam. (1726)

L. comosa L. (753, 1768)

L. coronopifolia L. (323, 548)

L. erinus L. (1013, 1229)

L. jasionoides E. Wimm. (204)

L. linearis Thunb. (1049, 1128)

L. nuda Hemsl. var. *rosulata* (S.Moore) E. Wimm. (2029)

L. pinifolia L. (300, 333, 562 (a), 1136)

L. pubescens Ait. (1699)

L. setacea Thunb. (1043, 1126, 1771, 2065)

L. stenosphon (Adamson) E. Wimm. (1808)

L. tomentosa L.f. (1895)

L. valida Bolus (735)

Merciera brevifolia A.DC. (932, 1769)

M. tenuifolia (L.f.) A.DC. var. *azurea* Adamson (1781)

M. tenuifolia (L.f.) A.DC. var. *thunbergiana* Sond. (167)

Monopsis lutea (L.) Urb. (1070, 1827)

Prismatocarpus cordifolius Adamson (Esterhuysen 13674)

P. diffusus A.DC. (1437)

P. nitidus L'Hérit. (2092)

P. sessilis Eckl. ex A.DC. (880, 1035, 1071, 2119)

Roella ciliata L. (754)

R. compacta Schltr. (1073, 1459)

Roella incurva A.DC. (Adamson 4412)

R. maculata Adamson (Pillans 8195)

R. muscosa L.f. (Esterhuysen 9984)

R. psammophila Schltr. (2106)

R. triflora (Good) Adamson (1124)

Siphocodon spartioides Turcz (971)

Treichelia longibracteata Vatke (1398)

Unigenes humifusa (A.DC.) E. Wimm. (1852)

Wahlenbergia cernua A.DC. (978)

CARYOPHYLLACEAE

Silene burchellii Otth. (737)

S. crassifolia L. (1099)

S. undulata Ait. (1679)

Spergularia marginata (DC.) Kitt. (1295, 1773)

CELASTRACEAE

Cassine barbara L. (507, 524, 1843)

C. maritima (Bol.) L. Bol. (1736, 1928)

C. peragua L. (1693)

Hartogia schinoides C.A.Sm. (425, 884, 1462, 2094, 2191)

Maurocenia frangularia (L.) Mill. (1686)

Mavenus acuminatus (L.f.) Loes. (358, 890)

M. lucida (L.) Loes. (1737)

M. oleoides (Lam.) Loes. (1347)

Pterocelastrus rostratus (Thunb.) Walp. (285)

P. tricuspidatus (Lam.) Sond. (1447, 1476)

Putterlickia pyracantha (L.) Endl. (1791)

CHENOPODIACEAE

Arthrocnemum littoreum Moss (Tölken 487)

A. natalense (Bunge ex Ung.-Sternb.) Moss var. *natalense* (2100)

Chenolea diffusa Thunb. (1828)

COMMELINACEAE

Commelina africana L. (de Vos 422)

COMPOSITAE

Alciope lanata DC. (779, 1269)

A. tabularis DC. (184)

Amellus asteroides (L.) Druce (2430)

Anaxeton asperum (Thunb.) DC. var. *asperum* (568, 1119)

A. laeve (Harv.) Lundg. (1215)

A. nychtherum Less. (185)

Arctiothea calendula (L.) Levyns (1921)

A. populifolia (Berg.) Norl. (1088)

Arctotis acaulis L. (1189, 1846)

- Arctotis angustifolius* L. (Boucher s.n.)
A. semipapposa (DC.) Lewin (1340)
Aster bergerianus (Less.) Harv. (596)
Athanasia parvifolia L. (997)
A. trifurcata L. (de Vos 812)
Athrix heterophylla (Thunb.) Less. (645, 1645)
Berkheya barbata (L.f.) Hutch. (647)
Brachylaena neriifolia (L.) R.Br. (364)
Bryomorphe lycopodioides (Sch.Bip.) Levyns (879, 2036)
Castalis nudicaulis (L.) Norl. var. *nudicaulis* (849, 956, 1377)
C. nudicaulis (L.) Norl. var. *graminifolia* (L.) Norl. (601)
Cenia turbinata Pers. (660)
Chrysocoma coma-aures (L.) (459, 930)
Chrysanthemoides monilifera (L.) Norl. (454)
Cineraria geifolia L. (1399, 1669, 1739)
Conyza ivaefolia (L.) Less. (1097(a))
C. pinnatifida (Thunb.) Less. (1057)
C. ulmifolia (Burm.) Kuntze (Taylor 7644)
Corymbium africanum L. (177)
C. cymosum E.Mey. ex DC. (2026)
C. laurifolium Harv. (1012, 1222)
C. scabrum L. forma *filiforme* Harv. (717, 810, 1787)
Cullumia setosa (L.) R.Br. var. *setosa* (483)
C. setosa (L.) R.Br. var. *araneosa* Roessl. (976)
C. squarrosa (L.) R.Br. (1598)
Disparago anomala Schltr. ex Levyns (1461)
D. lasiocarpa Cass. (1045, 1446, 1780)
D. laxifolia DC. (720, 1420)
Eltropappus longifolius Levyns (1167)
E. rhinocerotis Less. (Field observation)
Erigeron canadense L. (B40)
Eroda imbricata (Lam.) Levyns (514, 2095(a))
Euryops abrotanifolius (L.) DC. (297, 789, 1248)
E. indecorus Nord. (Pillans 8335)
E. rupestris Schltr. (1636)
Felicia aethiopica (Burm.f.) L.Bol. & Wolley-Dod subsp. *aethiopica* (de Vos 788)
F. amelloides (L.) Voss (1590)
F. fruticosa (L.) Nichols (525)
Gazania pinnata (Thunb.) Less. (749)
G. serrata DC. (1415)
Gerbera asplenifolia (Lam.) Spreng. (B55)
Gerbera crocea (L.) Kuntze (384, 1273)
G. tomentosa DC. (32, 187)
Gibbaria ilicifolia (L.) Norl. (207)
Gnaphalium candidissimum Lam. (1720)
G. undulatum L. (1463)
Haplocarpha lanata Less. (2747)
Helichrysum argyropsis DC. (657)
H. auriculatum Less. (Taylor 7222)
H. capitellatum (Thunb.) Less. (Scrap collection)
H. crispum (L.) D.Don (927)
H. cymosum Less. (1051)
H. ericaefolium Less. (1082)
H. foetidum Cass. (1112)
H. indicum (L.) Grierson (993)
H. maritimum (L.) D.Don ex G.Don (731)
H. metalasioides DC. (1170)
H. orbiculare (Thunb.) Druce (1052)
H. pinifolium (Lam.) Schrank (182, 895)
H. retortum (L.) Willd. (656)
H. sesamoides (L.) Willd. (634)
H. teretifolium (L.) Less. (606)
H. vestitum (L.) Schrank (721)
Helipterum canescens (L.) DC. (646)
H. gnaphaloides (L.) DC. (952)
H. speciosissimum (L.) DC. (1666)
H. variegatum (Berg.) DC. (2896)
H. zeyheri Sond. (2417, 2179)
Heterolepis aliena (L.f.) Druce (898)
Hippia frutescens L. (586, 917, 1602, 1631)
Hypochoeris radicata L. (780)
Ifloga ambigua (L.) Druce (1401)
Lachnospermum umbellatus (D.Don) Pillans (Taylor 7280)
Leontonyx glomeratus (L.) DC. (443)
L. spathulatus (Thunb.) Less. (1798)
Mairia coriacea H.Bol. (913, 2081)
M. microcephala DC. (954)
M. taxifolia (L.) DC. (34, 147, 771, 1646, 2506)
Metalasia bodkinii L.Bol. (995)
M. brevifolia Levyns (757)
M. cephalotes Less. (18, 51, 2071)
M. confusa Pillans (2031, 2071)
M. lichensteinii Less. (326)
M. muricata (L.) Less. (1504, 1522)
M. quinqueflora DC. (Barker 6080)
M. riparia Salter (Levyns 5333)
M. seriphiifolia DC. (Stokoe s.n. SAM 61964)
Nidorella foetida (L.) DC. (1834)
Osmitopsis afra (L.) Bremer (Stokoe 6631)
O. asteriscoides (Berg.) Less. (10, 1282)
O. parvifolia (DC.) Hoffm. (9)

- Osteospermum ciliatum* Berg. (981, 1348)
O. junceum Berg. (842)
O. microcephalum Norl. (1024)
O. polygaloides L. (1667)
O. rotundifolium (DC.) Nord. (791, 1169)
Othonna amplexicaulis Thunb. var. *integrifolia* Harv. (1518)
O. amplexifolia DC. (B45)
O. bulbosa L. (395, 1286)
O. dentata L. (587, 651, 1374)
O. multicaulis Harv. (1270)
O. perfoliata Thunb. (1632)
O. quinqueidentata Thunb. (301, 1443)
Phaenocoma prolifera (L.) D. Don (Field observation)
Pulicaria scabra (Thunb.) Druce (1061)
Pteronia camphorata L. (2002)
Senecio arnicaeflorus DC. (1665, 1868)
S. coleophyllus Turcz. (1650, 1651)
S. crassulaefolius DC. (1440)
S. cymbalarifolius (L.) Less. (1414, 1619a, 1815, 1890, 1891)
S. elegans L. (453, 1138, 1892)
S. grandiflorus Berg. (1701)
S. halimifolius L. (928)
S. hastifolius (L.f.) Less. (2233)
S. laevigatus Thunb. (1514)
S. lyratus L.f. (Esterhuysen 30652)
S. maritimus L.f. (1599)
S. matricariaefolius DC. (602, 1926)
S. paniculatus Berg. (1010)
S. pinifolius L. (2130)
S. pubigerus L. (335)
S. rigidus L. (1400)
S. rosmarinifolius L.f. (1009)
S. speciosus Willd. (1243)
S. subcanescens Compton (730, 1378)
S. iriqueter Less. (212, 215)
S. umbellatus L. (1662)
S. sp. (1440)
Stoebe aethiopica L. (1630)
S. capitata Berg. (B100, B109)
S. cinerea Thunb. (B52)
S. humilis Levyns (Levyns 5369)
S. incana Thunb. (2177)
S. plumosa Thunb. (1449)
S. sphaerocephala Schlecht. (1770)
S. spiralis Less. (1161)
S. vulgaris Levyns (Dr. Eicker and students 22)
S. sp. (1500)
Tarconanthus camphoratus L. (1832, B134)
Ursinia crithmoides (Berg.) Poir. (31, 351)
U. dentata (L.) Poir. (138, 1025)
Ursinia eckloniana (Sond.) N.E.Br. (141)
U. quinquepartita (DC.) N.E.Br. (39, 307, 352)
U. sp. (39)
- CONVOLVULACEAE**
- Cuscuta angulata* Engelm. (742)
C. nitida E.Mey. (2080)
Falkia repens L.f. (2658)
- CORNACEAE**
- Curtisia dentata* (Burm.f.) C.A.Sm. (318, 322, 2078)
- CRASSULACEAE**
- Cotyledon orbiculata* L. (1766)
Crassula capensis (L.) Baill. (365, 1857)
C. coccinea L. (1029)
C. fascicularis Lam. (511, 1634)
C. glomerata Berg. (1199)
C. limeolata Soland. (1498)
C. natans Thunb. (628)
C. nudicaulis L. (B102)
C. obtusa Haw. (2044)
C. rupestris Thunb. (1439)
C. tetragona L. (2459)
Dinacria filiformis Harv. (750)
- CRUCIFERAE**
- Heliphila africana* (L.) Marais (B44)
H. coronopifolia L. (B70)
H. diffusa (Thunb.) DC. var. *flacca* (Sond.) Marais (Stokoe s.n. SAM 64258)
H. linearis (Thunb.) DC. var. *linearifolia* (Burch. ex DC.) Marais (1098, 1497)
H. longifolia DC. (673)
H. meyeri Sond. (387)
H. pusilla L.f. (1615)
H. scoparia Burch. ex DC. (774)
H. sp. (1948)
- CUCURBITACEAE**
- Kedrostis nana* (Lam.) Cogn. (445, 1790)
- CUNONIACEAE**
- Cunonia capensis* L. (de Vos 1297)
Platylophus trifoliatus (Thunb.) D.Don. (889)
- DIPSACACEAE**
- Scabiosa columbaria* L. (2432)
- DROSERACEAE**
- Drosera aliciae* Hamet (819, 1750)
D. cistiflora L. (543)
D. glabripes (Harv.) Stein (4, 54, 180)

Drosera hilaris Cham. & Schlecht. (652, 790, 1142)

D. trinervia Spreng. (688)

EBENACEAE

Diospyros glabra (L.) de Wint. (595, 2461)

Euclea polyandra (L.f.) E.Mey. ex Hieron. (2123)

E. racemosa Murr. (466, 1502)

ERICACEAE

Acrostemon stokoei L. Guth. var. *confusus* E.G.H.Oliver (1327)

Anisericar gracilis (Bartl.) N.E.Br. (200, 344)

Blaeria barbigera (Salisb.) G.Don. (626, 992)

B. dumosa Wendl. (882, 903, 991, B22)

B. ericoides L. (1159)

B. flexuosa Benth. (1285)

B. sp. (874, 1179)

Erica aemula Guth. & Bol. (555)

E. amphigena Guth. & Bol. (1002)

E. articularis L. (894, 969, 1214)

E. azalaefolia Salisb. (893)

E. banksia Andr. (Oliver s.n. STE 30033)

E. borboniaefolia Salisb. (Rourke 312)

E. brachialis Salisb. (1106, 1535)

E. brevifolia Soland. ex Salisb. (2651)

E. bruniades L. (728)

E. caffra L. (497, 785)

E. calycina L. var. *periplocaeflora* (Salisb.) H.Bol. (135)

E. campanularis Salisb. (410)

E. capillaris Bartl. var. *compacta* H.Bol. (Oliver & Palser 66)

E. cerinthoides L. (765)

E. cinta L. Bol. (Stokoe s.n. BOL 17 201)

E. coccinea L. (290, 580)

E. comptonii Salter (341, 1332, 1501(a))

E. corifolia L. (29, 998, 1030)

E. corydalis Salisb. (202, 148)

E. cristata Dulfer (328, 1027)

E. curviflora (421, 803)

E. curvirostris Salisb. (1135)

E. cygnea Salter (Pillans 8184)

E. desmantha Benth. (134, 1219)

E. discolor Andr. (1147)

E. distorta Bartl. (1510)

E. extrusa Compton (871)

E. fascicularis L.f. (129, 309)

E. fastigiata L. (53, 128, 183, 199, 877)

E. fervida L. Bol. (2897)

E. filiformis Salisb. (975, 1000)

E. foliacea Andr. (37, 131)

Erica genistaefolia Salisb. (194, 1102)

E. georgica Guth. & Bol. (195)

E. gnaphaloides L. (902)

E. gysbertii Guth. & Bol. (11, 96, 747, 1003)

E. hispidula L. (47, 50, 302, 389)

E. holosericea Salisb. (2652)

E. imbricata L. (409)

E. intervallaris Salisb. (150, 308, 784)

E. laeta Bartl. (914)

E. laevigata Bartl. (1421)

E. lananthera L.Bol. (1129(b))

E. leucotrachelia H.A. Baker (132)

E. longifolia Ait. (413)

E. lowryensis L.Bol. (M.M. Vogts s.n.)

E. lutea Berg. (904)

E. lycopodiastrium Lam. (B124)

E. macowanii Cufino (133, 201, 407)

E. macroloma Benth. (Haynes 339)

E. mammosa L. (1053)

E. massoni L.f. (Lavrano 8269, Oliver 94)

E. monadelphia Willd. (643)

E. multumbellifera Berg. (1064)

E. nana Salisb. (Oliver s.n. STE 30128)

E. nivea Sinclair (786)

E. nudiflora L. (1182, 1206)

E. obliqua Thunb. (1065, 1150)

E. obtusata Klotzsch ex Benth. (892)

E. pageana L.Bol. (Oliver 3201)

E. palliiflora Salisb. (847)

E. parviflora L. (541, 1145)

E. parvula Guth. & Bol. (292, 340, 1208, 1309, 1523)

E. patersonia Andr. (569)

E. perspicua Wendl. (55)

E. petrophila L.Bol. (878)

E. pillansii H.Bol. (310)

E. pinea Thunb. (Oliver 159, Taylor 7065)

E. placentaeflora Salisb. (613, 872)

E. plukenetii L. (1373, 1488)

E. plumigera Bartl. (546)

E. porteri Compton (1095, 2420)

E. pulchella Houtt. (433, 969)

E. pycnantha Benth. (Taylor 7224)

E. quadrangularis Salisb. (136, 149)

E. retorta Montin (1026, 1129a, 1158)

E. rhopolantha Dulfer (746, 1184)

E. sexfaria Ait. (891)

E. serratifolia Andr. var. *subnuda* H.Bol. (1240, 1330)

E. sessiliflora L.f. (Oliver 142)

E. sitiens Klotzsch (27, 293, 800, 896, 1235, 1329)

E. sonderiana Guth. & Bol. (2248)

E. spumosa L. (1417)

- Erica stokoei* L.Bol. (346)
E. subdivaricata Berg. (1216)
E. tenax L.Bol. (1453)
E. thomae L.Bol. (28, 1104)
E. transparens Berg. (1328)
E. trichroma Benth. (M.M.Vogts 30)
E. truncata L.Bol. (52, 197)
E. turbiniflora Salisb. var. *aristata* H.Bol. (1223)
E. utriculosa L.Bol. (Oliver 3399, Taylor 7273)
E. vallis-araneorum E.G.H.Oliver (Oliver 1249)
E. velitaris Salisb. (1149, 1165)
E. sp. (1418)
E. sp. (801)
E. sp. (714)
E. sp. (Oliver s.n.)
Nagelocarpus serratus (Thunb.) Bullock (921, 1118)
Philippia chamissonis Klotzsch (Compton 22718)
P. leeana Klotzsch (745)
Salaxis axillaris Salisb. (de Vos 839)
S. flexuosa Klotzsch (766)
Scyphogyne longistyla N.E.Br. (1162)
S. muscosa (Ait.) Steud. (796, 1096)
S. urceolata (Klotzsch) Benth. (1264)
Syndesmanthus elimensis N.E.Br. (1256)
S. paucifolius Benth. (de Vos 263)
Sympieza articulata (Thunb.) N.E.Br. (289)
S. capitellata Licht. (M.M.Vogts 77)
S. labialis (Salisb.) Druce (802)
S. pallescens N.E.Br. (1092)

EUPHORBACEAE

- Adenocline ovalifolia* Turcz. (1617)
Clusia alaternoides L. var. *alaternoides* (550, 592, 597, 638, 1633)
C. alaternoides L. var. *major* Krauss (386)
C. ericoides Thunb. (2126)
C. polygonoides L. (13, 383)
C. pterogona Muell. Arg. (799)
Euphorbia erythrina Link. (1390)
E. silenifolia (Haw.) Sweet (510)

FLACOURTIACEAE

- Kiggelaria africana* L. (1466)

FUMARIACEAE

- Phacocapnos cracca* Bernhr. (528)

GENTIANACEAE

- Chironia baccifera* L. (594, 929)
C. decumbens Levyns (2178)
C. jasmnoides L. (2431, 2512)
C. linooides L. subsp. *linooides* (962, 1001, 2064)
C. linooides L. subsp. *nana* Verdoorn (577)
C. melampyrifolia Lam. (205)
C. stokoei Verdoorn (2247)
Orphium frutescens (L.) E.Mey. (Rodin 3124)
Sebaea minutiflora Schinz (1950)
S. zeyheri Schinz (488)
Villarsia capensis (Houtt.) Merrill (186, 1654)

GERANIACEAE

- Erodium botrys* (Cav.) Bertol. (531)
E. incarnatum L'Hérit. (2000)
E. malachoides (L.) Willd. (532)
Geranium flanaganii Schltr. (679)
G. incanum Burm.f. (671, 1869)
Pelargonium angulosum Ait. (473)
P. betulinum (L.) Ait. (521)
P. capillare (Cav.) Willd. (1438)
P. capitatum (L.) Ait. (474, 775)
P. candicans Spreng. (1900)
P. cardiophyllum Harv. (793, 980, 1941)
P. carneum Jacq. (158)
P. chamaedrifolium Jacq. (1785)
P. cucullatum Ait. (1703)
P. grossularioides (L.) Ait. (2425)
P. longifolium (Burm.f.) Jacq. (1487)
P. moniliforme E.Mey. ex Harv. (1186)
P. multicaule Jacq. (1075)
P. myrrhifolium (L.) Ait. (1671, 1945)
P. pinnatum L'Hérit. (961)
P. tabulare (L.) L'Hérit. (1413)
P. triste (L.) Ait. (763)

GESNERIACEAE

- Charadrophila capensis* Marloth (In reserved area at Betty's Bay)

GRUBBIACEAE

- Grubbia linearifolia* Gutzweiller (1452)
G. rosmarinifolia Berg. (415)
G. tomentosa (Thunb.) Harms (642)

ICACINACEAE

- Apodytes dimidiata* E.Mey. (345, 359)

LABIATAE

- Leonotis leonurus* R.Br. (974)
Salvia aurea L. (463)
Stachys thunbergii Benth. (853)

LAURACEAE

- Cassytha ciliolata* Nees (1873)
C. filiformis L. (303)
Cryptocarya angustifolia E.Mey. (Taylor 7068)
Ocotea bullata E.Mey. ex Meisn. (2181)

LEGUMINOSAE

Subf. MIMOSOIDEAE

- Acacia cyclops* A.Cunn. (Field observation)
A. longifolia Willd. (1591)
A. mearnsii De Wild. (Field observation)
A. saligna Wendl. (Field observation)
Albizia lophantha (Willd.) Benth. (1318)

Subf. PAPILIONATAE

- Amphithalea ericaefolia* Eckl. & Zeyh. (1237)
A. oppositifolia L.Bol. (B12)
Argyrobolium filiforme Eckl. & Zeyh. (169, 1033, 1782)
A. lunaris (L.) Druce (B110)
A. tuberosum Eckl. & Zeyh. (1525)
Aspalathus abietina Thunb. (1753)
A. acanthiloba Dahlg. (Peterson and Dahlgren 1301)
A. aciphylla Harv. (1193)
A. angustifolia (Lam.) Dahlg. subsp. *angustifolia* (2892)
A. araneosa L. (542)
A. aspalathoides (L.) Dahlg. (752)
A. biflora E.Mey. (561)
A. callosa L. (769)
A. ciliaris L. (1778)
A. cordata (L.) Dahlg. (504)
A. crenata (L.) Dahlg. (558)
A. cymbiformis DC. (Leighton 14228)
A. divaricata Thunb. subsp. *divaricata* (Parker 4371)
A. dunsdoniana Alst. ex Dahlg. (382, 1278, 1458)
A. excelsa Dahlg. (Esterhuysen 31414)
A. globosa Andr. (2438)
A. globulosa E.Mey. (Levyns 10868)
A. forbesii Harv. (620, 1605, B83)
A. fusca Thunb. (1874)
A. hispida Thunb. subsp. *hispida* (1741)
A. intervallaris Bol. (369, 1177)
A. juniperina Thunb. subsp. *juniperina* (Compton 6092)
A. lactea Thunb. subsp. *adelphaea* (Eckl. & Zeyh.) Dahlg. (951)
A. linearis (Burm.f.) Dahlg. (966)
A. macrantha Harv. (2176)
A. marginata Harv. (Esterhuysen 13671)
Aspalathus monosperma (DC.) Dahlg. (Stokoe 896)
A. oblongifolia Dahlg. (2464)
A. ramulosa E.Mey. (Porter s.n. BOL 55957)
A. retroflexa L. (1779)
A. sericea Berg. (751)
A. serpens Dahlg. (1685)
A. stenophylla Eckl. & Zeyh. subsp. *colorata* Dahlg. (1089, 1416, 1751)
A. stokoei L.Bol. (Esterhuysen 13678)
A. ternata (Thunb.) Druce (1432)
Bolusafrá bituminosa (L.) Kuntze (B128)
Cyclopia genistoides (L.) R.Br. (579, 703)
C. maculata (Andr.) Kies (Harold Porter Botanic Garden No. 69)
C. meyeriana Walp (2654)
Dipogon lignosus (L.) Verde. (821, 1652)
Hypocalyptus coluteoides (Lam.) Dahlg. (1199)
H. oxalidifolia (Sims) Phillips (Davis SAM 61424)
Indigofera angustifolia L. (607, 1684)
I. brachystachya E.Mey. (513)
I. coriacea Ait. (758)
I. cytisoides Thunb. (1473(a), 1851)
I. filicaulis Eckl. & Zeyh. (797)
I. filifolia Thunb. (566, 711, 1176, 1464)
I. glomerata E.Mey. (440)
I. guthriei H.Bol. (2054)
I. hamulosa Schltr. (Dr. Eicker & students 82)
I. humifusa Eckl. & Zeyh. (823)
I. mauritanica (L.) Thunb. (Field observation)
I. ovata Thunb. (710, 805)
I. sarmentosa L. (428)
I. stricta L.f. (897)
I. tetragonaloba E.Mey. (48, 196)
Lathriogyne parvifolia Eckl. & Zeyh. (1306)
Lessertia pulchra Sims (663)
Lebeckia carnosa (E.Mey.) Druce (899, 955, 1981)
L. wrightii (Harv.) Bol. (381, 2175)
Liparia splendens (Burm.f.) J.J.Bos & de Wit subsp. *comantha* (Eckl. & Zeyh.) J.J.Bos & de Wit (Bos 375)
Lotononis prostrata (L.) Benth. (1899)
L. involucreta Benth. (448)
Podalyria calyptata Willd. (2499)
P. cordata (Taylor 7151)
P. hirsuta (Ait.) Willd. (2058)
P. racemulosa DC. (1906)
P. speciosa Eckl. & Zeyh. (1880, 2040)

Priestleya angustifolia Eckl. & Zeyh. (1881)

P. calycina L.Bol. (1283, 1809)

P. tomentosa (L.) Druce (2150, 2505)

P. vestita DC. (142, 1363)

Psoralea aculeata L. (822)

P. affinis Eckl. & Zeyh. (505)

P. aphylla L. (385, 627)

P. asarina (Berg.) Salter (1050)

P. biovulata Bolus (1181)

P. cordata (L.) Salter (792)

P. fruticans (L.) Druce (907, 939)

P. laxa Salter (B69)

P. obliqua E.Mey. (Rycroft 1453)

P. pinnata L. (206, 1290)

P. repens L. (B91)

P. restioides Eckl. & Zeyh. (1137)

P. zeyheri Harv. (175, 1619, 2023, B57)

Rafnia cuneifolia Thunb. (520, 968)

R. lancea DC. (1039, 1823)

R. perfoliata E.Mey. (759)

R. triflora Thunb. (2050)

Rhynchosia ferulaefolia Benth. (696)

Sutherlandia frutescens (L.) R.Br. (733)

Virgilia oroboides Salter (Harold Porter Botanic Garden no. 73)

LENTIBULARIACEAE

Utricularia capensis Spreng. (372, 817)

LINACEAE

Linum africanum L. (770, 1077, 2030)

L. thunbergii Eckl. & Zeyh. (363)

LORANTHACEAE

Viscum capense L.f. (667)

V. eucleae Eckl. & Zeyh. (1342, 2004)

MALVACEAE

Anisodonteia scabrosa (L.) Bates (1389)

Hibiscus trionum L. (1060, 1403)

Lavatera arborea L. (2894)

MENISPERMACEAE

Antizoma capensis (Thunb.) Diels. (B129)

MYOPORACEAE

Myoporum serratum R.Br. (Field observation)

Oftia africana (L.) Bocq. (522)

MYRICACEAE

Myrica cordifolia L. (622)

M. diversifolia Adamson (1349)

M. kraussiana Buching. ex. Meisn. (1907)

M. quercifolia L. (471)

M. serrata Lam. (1055, 1101)

MYRSINACEAE

Myrsine africana L. (529, 637)

Rapanea melanophloeos (L.) Mez. (316)

MYRTACEAE

Eucalyptus ficifolia F.Muell. (1445)

E. lehmannii Preiss. (1317)

Leptospermum laevigatum F.Muell. (1371)

Metrosideros angustifolia J.E.Sm. (1207, 1448)

NAJADACEAE

Aponogeton distachyos L.f. (1227)

OLEACEAE

Linociera foveolata (E.Mey.) Knobl. subsp. *tomentella* Verdoorn (1775)

Olea africana Mill. (1465, 1663)

O. capensis L. subsp. *capensis* (337, 436, 475, 598, 997)

O. exasperata Jacq. (1524)

OLINIACEAE

Olinia cymosa Thunb. (321, 530, 1789)

OXALIDACEAE

Oxalis commutata Sond. (1192)

O. fergusonae Salter (350)

O. glabra Thunb. (1472)

O. heterophylla DC. (1901)

O. incarnata L. (922)

O. luteola Jacq. (1267, 1345, 1509)

O. polyphylla Jacq. (1268)

O. trunculata Jacq. (30)

PENAEACEAE

Penaea cneorum Meerb. subsp. *cneorum* (905)

P. mucronata L. (286, 334)

Saltera sarcocolla Bullock (7, 609)

Sonderothamnus petraeus (W.F.Barker) Dahlg. (722, 787)

PIPERACEAE

Peperomia reusa (L.f.) A.Dietr. (323 (a))

PLANTAGINACEAE

Plantago carnosa Lam. (1083)

P. lanœolata L. (1732)

POLYGONACEAE

Polygonum salicifolium Brouss. ex Willd. (1707)

Rumex angiocarpus Murb. (1601)

R. cordatus Desf. (484, 1367, 2214)

PLUMBAGINACEAE

Limonium scabrum (Thunb.) Kuntze (1048)

POLYGALACEAE

Muraltia alopecuroides (L.) DC. (1637)
M. aspalatha DC. (553)
M. capensis Levyns (1911)
M. chamaepitys Schltr. (795, 1545)
M. ericoides (Burm.f.) Steud. (Stokoe 1204)
M. filiformis (Thunb.) DC. var. *calendonsis* Levyns (989)
M. heisteria (L.) DC. (361, 506)
M. minuta Levyns (1792)
M. mutabilis Levyns (Levyns 9280)
M. paludosa Levyns (Compton 13592)
M. pauciflora (Thunb.) DC. (398)
M. rosmarinifolia Levyns (Leipoldt 4249)
M. satureioides DC. (619, 685, 1512)
M. vulpina Chod. (1546)
Nylandtia spinosa (L.) Dumort (617)
Polygala bracteolata L. (603, 2037)
P. garcini DC. (772)
P. meridionalis Levyns (Compton 20074)
P. myrtifolia L. (461)
P. nematocaulis Levyns (794)
P. pappeana Eckl. & Zeyh. (1783)
P. refracta DC. (de Vos 712)

PRIMULACEAE

Anagallis arvensis L. (1706)
Samolus porosus (L.f.) Thunb. (1597)

PROTEACEAE

Aulax cancellata (L.) Druce (1018, 1280)
A. umbellata (Thunb.) R.Br. (1019)
Brabejum stellatifolium L. (923, 1492(a))
Diastella bryiflora Salisb. ex Knight (343)
D. serpyllifolia Knight (M.M.Vogts 10)
D. sp. (Stehle 250)
Hakea sericea Schrad. (1288)
Leucadendron coniferum (L.) Meisn. (1362, 1511)
L. gandogeri Schinz ex Gand. (338, 1281, 1334)
L. laureolum (Lam.) Fourc. (212, 2184)
L. microcephalum Gand. (2186)
L. salicifolium (Salisb.) Williams (2185)
L. salignum Berg. (515)
L. sessile R.Br. (496, 1660)

Leucadendron spissifolium (Salisb. ex Knight) Williams subsp. *spissifolium* (571, 984)
L. xanthoconus (Kuntze) K.Schum. (283, 1021, 1638)
Leucospermum conocarpodendron (L.) Buek. subsp. *viridum* Rourke (768)
L. cordatum Phillips (563)
L. cordifolium (Salisb. ex Knight) Fourcade (2000 (a))
L. oleifolium (Berg.) R.Br. (417)
L. prostratum (Thunb.) Stapf (625)
L. truncatulum (Salisb. ex Knight) Rourke (1483)
Mimetes argenteus Knight (190, 126, 1324)
M. capitulatus R.Br. (1156)
M. cucullatus (L.) R.Br. (140)
M. hirtus (L.) Salisb. ex Knight (1097, 1866)
M. hottentoticus Phill. & Hutch. (1250, 1806)
(M. stokoei Phill. (630) extinct)
Orothamnus zeyheri Pappe (1284)
Paranomus sceptrum-gustavianus (Sparrm.) Hylander (2418)
Protea acaulos (L.) Reich. (1205)
P. angustata R.Br. (B74b)
P. arborea Houtt (1353)
P. cordata Thunb. (1310)
P. cynaroides (L.) L. (1499)
P. grandiceps Tratt. (2118)
P. lepidocarpodendron L. (281, 1287)
P. longifolia Andr. (1320)
P. mundii Klotzsch (282)
P. neriifolia R.Br. (P. van der Merwe 1159)
P. oleracea L.Bol. (1247)
P. repens L. (1291)
P. scabra R.Br. (426, 1600)
P. speciosa L. (1351)
P. stokoei Phill. (139)
Serruria adscendens R.Br. (518)
S. aemula R.Br. (Harold Porter Botanic Garden No. 41)
S. barbiger Salisb. ex Knight (1635, 1735)
S. burmannii R.Br. (519)
S. elongata R.Br. (633, 702)
S. inconspicua Guth. & Salter (1746)
S. rubricaulis R.Br. (2200)
S. sp. (875, 1745)
Sorocephalus clavigerus (Salisb. ex Knight) Hutch. (1339)
S. palustris Rourke (Rourke 324)
Spatalla curvifolia Salisb. ex Knight (612)

Spatalla longifolia Salisb. ex Knight (1325, 1807)

S. mollis R.Br. (376)

S. prolifera (Thunb.) Salisb. ex Knight (Compton 19407)

S. racemosa (L.) Druce (Stokoe 419)

S. setacea (R.Br.) Rourke (1350, 2116)

RHAMNACEAE

Phylica atrata Licht. ex Roem. & Schult. (391, 840)

P. buxifolia L. (54)

P. ericoides L. (472, 545)

P. humilis Sond. (296)

P. imberbis Berg. (970, 1066, 1110)

P. lasiocarpa Sond. (367)

P. minutiflora Schltr. (Pillans 8260)

P. parviflora Berg. (1537, 1740)

P. plumosa L. (557)

P. spicata L.f. (985)

P. stipularis L. (508, 508 (a))

P. strigulosa Sond. (B101)

RANUNCULACEAE

Anemone capensis L. (146)

Knowltonia capensis (L.) Hutch. (319, 485)

RETZIACEAE

Retzia capensis Thunb. (Field observation)

RORIDULACEAE

Roridula gorgonias Planch. (Guthrie 3765, Stokoe 2656)

ROSACEAE

Cliffortia apiculata Weim. (841)

C. atrata Weim. (648, 2125)

C. complanata E.Mey. (342, 1127)

C. cuneata Ait. (1749)

C. eriocephalina Cham. (2203)

C. ferruginea L.f. (683)

C. filicaulis Schlecht. (536)

C. graminea L.f. (920)

C. grandifolia Eckl. & Zeyh. (1258)

C. heterophylla Weim. (209)

C. hirsuta Eckl. & Zeyh. (572)

C. odorata L.f. (41)

C. pedunculata Schltr. (Stokoe s.n. (1922))

C. ruscifolia L. (502)

C. strobilifera Murr. (446)

C. subsetacea Diels ex Bol. & W.Dod (783)

C. tenuis Weim. (1234)

C. tuberculata (Harv.) Weim. (2093 (a))

C. viridis Weim. (23, 193)

Rubus fruticosus L. (Field observation)

RUBIACEAE

Anthospermum aethiopicum L. (538)

A. bergianum Cruse (406, 2190)

A. ciliare L. var. *ciliare* (600, 1366)

A. ciliare L. var. *papillatum* Sond. (1134)

A. lichtensteinii Cruse (1238)

A. prostratum Sond. (1197)

Carpocoea heteromorpha (Eckl. & Zeyh.) H.Bol. (782, 1623)

C. spermacoea (Reichb.) Sond. (1069, 1144)

C. vaginellata Salter (420)

Galium tomentosum Thunb. (Rourke 704)

RUTACEAE

Acmadenia sp. (1244)

Adenandra acuta Schltr. (715)

A. brachyphylla Schlecht. (836)

A. uniflora Willd. (734)

A. villosa (Berg.) Licht. ex Roem. & Schult. subsp. *villosa* (559, 2055)

A. villosa (Berg.) Licht. ex Roem. & Schult. subsp. *orbicularis* Strid (de la Bat s.n. STE 30300)

A. villosa (Berg.) Licht. ex Roem. & Schult. subsp. *robusta* Strid (137)

Agathosma anomala E.Mey. ex Sond. (Stokoe 892)

A. bifida Bartl. & Wendl. (403, 512, 838, 1618, 1717, 1752, 2252)

A. ciliaris (L.) Druce (464)

A. crenulata (L.) Pillans (284)

A. hookeri Sond. (1674, 1887)

A. imbricata Willd. (994)

A. serpyllacea Licht. ex Roem. & Schult. (1297)

A. stokoei Pillans (Stokoe s.n. SAM 60329)

A. tabularis Sond. (636)

Coleonema album Bartl. & Wendl. (462)

C. juniperinum Sond. (125, 649)

C. nubigenum Esterh. (554)

Diosma hirsuta L. (996, 1548)

D. oppositifolia L. (368, 599, 1023, 1047, B86)

Empleurum serrulatum Ait. (1245, 2086)

Euchaetis elata Eckl. & Zeyh. (2482)

E. glabra Williams (1263)

E. linearis Sond. (1230)

Rutaceae (1648)

SALICACEAE

Populus canescens (Ait.) Sm. (Field observation)

SANTALACEAE

Colpoön compressum Berg. (437, 467, 1016, 1087)

Thesidium fragile Sond. (616)

Thesium capitatum L. (844)

T. capitellatum A.DC. (2041)

T. capituliflorum Sond. (562)

T. carinatum A.DC. (713)

T. commutatum Sond. (1007)

T. ericaefolium A.DC. (1122)

T. euphorbioides L. (855, 967)

T. micropogon A.DC. (986)

T. pinifolium A.DC. (Taylor 601)

T. spicatum L. (362, 983, 1079, 1473)

T. strictum Berg. (501, 2005)

T. viridifolium Levyns (1239)

T. virgatum Lam. (544)

SAPOTACEAE

Sideroxylon inerme L. (1375)

SAXIFRAGACEAE

Montinia caryophyllacea Thunb. (588)

SCROPHULARIACEAE

Agathelpis dubia (L.) Hutch. (732)

Alecira lurida Harv. (581)

A. sessiliflora (Vahl) Kuntze (1080)

Dischisma erinoides (L.f.) Sweet (666, 1402)

Halleria elliptica Thunb. (1341)

H. lucida L. (404, 1468)

Harveya bolusii Kuntze (1698)

H. capensis Hook. (1813)

H. coccinea Schltr. (748)

Hebenstreitia cordata L. (2454)

Hemimeris montana L.f. (486, 1364)

Hyobanche sanguinea L. (623)

Manulea cheiranthus L. (756, 2213)

M. rubra L.f. (945)

Melasma luridum Hiern (741)

Nemesia barbata Benth. (527, 621)

N. chamaedrifolia Vent. (533)

N. versicolor E.Mey. (388, 481, 1479)

Selago quadrangularis Choisy (729)

S. scabrida Thunb. (B122)

S. serrata Berg. (1031)

S. spuria L. (848(a), 881, 1436, 1819, 2025, B71)

S. verbenacea Thunb. (388(a))

Sutera hispida (Thunb.) Druce (458, 490)

Teedia lucida Rud. (397)

Zaluzianskya dentata Walp. (615, 736)

SOLANACEAE

Solanum guineense L. (2216)

S. nigrum L. (1469)

S. quadrangulare Thunb. (535, 1086)

STERCULIACEAE

Hermannia hyssopifolia L. (499, 1392, 1393)

H. rudis N.E.Br. (500, 1391)

H. salvifolia L.f. (498, 593, 1394)

H. ternifolia Presl (618, 851, 1616)

THYMELAEACEAE

Cryptadenia breviflora Meisn. (845)

Gnidia anomala Meisn. (835)

G. decurrens Meisn. (Theron & v.d. Schijff 2318)

G. flanaganii C.H.Wr. (1198)

G. galpinii C.H.Wr. (Esterhuysen 10009)

G. humilis Meisn. (1830)

G. juniperifolia Lam. (1338, 1543, 2034)

G. oppositifolia L. (192, 442)

G. penicillata Licht. ex Meisn. (1628)

G. pinifolia L. (366, 438)

Lachnaea densiflora Meisn. (567, 846, 1368, 1767)

Passerina ericoides L. (1691)

P. paleacea Wikstrom (468, 470)

P. rigida Wikstrom (469, 1690)

P. vulgaris Thoday (761)

Sruthiola ciliata (L.) Lam. (1356(a), 1072)

S. dodecandra (L.) Druce (1629)

S. eckloniana Meisn. (Dr. Eicker & students no. 19)

S. erecta L. (509)

S. epacridioides C.H.Wr. (1299)

S. leiosiphon Gilg. (1810, 2061, 2117)

S. leptantha H.Bol. (578)

S. myrsinites Lam. (2051, 2211)

S. striata Lam. (de Vos 1212)

S. tomentosa Andr. (837)

S. virgata L. (126)

UMBELLIFERAE

Apium graveolens L. (1831)

Arctopus echinatus L. (1379)

Centella affinis (Eckl. & Zeyh.) Adamson (1358)

C. calliodes (Cham. & Schlecht.) Drude (1225)

C. caespitosa Adamson (2035)

C. cariacea Nannfd. (B132)

Centella difformis (Eckl. & Zeyh.) Adamson (604)

C. eriantha (Rich.) Drude (919)

C. macrocarpa (Rich.) Adamson (906, 1544)

C. restioides Adamson (933)

C. scabra Adamson (564)

C. triloba (Thunb.) Drude (127, 556)

C. tridentata (L.f.) Drude (1042)

Chamarea capensis (Thunb.) Eckl. & Zeyh. (1477)

Foeniculum vulgare Mill. (589)

Glia gummifera (L.) Sond. (1470)

Hermas ciliata L.f. (1279)

H. depauperata L. (Dr. Eicker & students 43)

H. quercifolia Eckl. & Zeyh. (924, 1143)

H. villosa (L.) Thunb. (210, 1132)

Heteroptilis suffruticosa (Berg.) Leute (843)

Lichtensteinia lacera Cham. & Schlechtd. (1046, 1818)

Peucedanum galbaniopse Wolff (Taylor 7647)

P. multiradiatum Drude (2435)

P. sieberianum Sond. (1133)

Thunbergiella filiformis (Lam.) Wolff (371)

URTICACEAE

Australina lanceolata (Thunb.) R.Br. (1738)

Droguetia ambigua Wedd. (678)

VERBENACEAE

Campylostachys cernua Kunth (973)

Lantana camara L. (2744)

Stilbe ericoides L. (130, 565, 1174)

S. mucronata N.E.Br. (1242)

S. vestita Berg. (208, 379)

VIOLACEAE

Viola decumbens L.f. var. *decumbens* (401, 419)

V. decumbens L.f. var. *scrotiformis* (DC.) Jessop (Kruger 788)

ZYGOPHYLLACEAE

Zygophyllum fulvum L. (480)

Z. flexuosum Eckl. & Zeyh. (684)

Z. spinosum L. (762)